

Specification MAP/CV1037/Issue 8 Dated 16.1.47. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> RESTRICTED

—————> Indicates a change

<u>TYPE OF VALVE</u> - Triode				<u>MARKING</u> See K1001/4				
<u>CATHODE</u> - Indirectly heated								
<u>ENVELOPE</u> - Glass, unmetallised								
<u>PROTOTYPE</u> - MH4								
<u>RATING</u>			Note		<u>BASE</u> B5			
Heater Voltage (V)		4.0	A	Pin	Electrode			
Heater Current (A)		1.0		1	Anode			
Max. Anode Voltage (V)		250		2	Grid			
Max. Anode Dissipation (W)		2.5		3	Heater			
Anode Impedance (Ω)		11,500		4	Heater			
Mutual Conductance (mA/V)		3.6		5	Cathode			
Amplification Factor		40						
<u>NOTE</u> A. $V_a = 100$, $V_{g1} = 0$.				<u>DIMENSIONS</u> See K1001/AI/D1				
				Dimension		Min.	Max.	
				A (mm)	-	116		
B (mm)		-	46					

To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No. Tested
	Vh	Va	Vg		Min.	Max.	
a	4.0	0	0	Ih (A)	0.9	1.2	100% or S
b	4.0	100	0	Ia (mA)	5.0	10.0	100%
c	4.0	100	0	Gm (mA/V)	2.4	4.5	100%
d	4.0	100	-2	Reverse Ig1 (μ A)	-	0.5	100%